

VOS-31

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Not yet assigned
 Group : Not yet assigned
 Applicants : Leszek Wojnowski et al.
 Application No. : Not yet assigned
 Confirmation No. : Not yet assigned
 Filed : Concurrently herewith
 For : POLYMORPHISMS IN THE HUMAN hPXR GENE AND
 THEIR USE IN DIAGNOSTIC AND THERAPEUTIC
 APPLICATIONS

New York, New York
 March 8, 2002

Hon. Commissioner for Patents
 P.O. Box 2327
 Arlington, Virginia 22202

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, applicants, through their
 representatives, make of record the following documents*:

Foreign Patent Documents

<u>Country</u>	<u>Publication No.</u>	<u>Publication Date</u>
Europe	EP 1 024 193	August 2, 2000
PCT	WO 99/48915	September 30, 1999

* For the convenience of the Examiner, a completed Form PTO-1449, listing these documents, is attached.

Other Documents

Bertilsson, G. et al., "Identification Of A Human Nuclear Receptor Defines A New Signaling Pathway For CYP3A Induction," *Proc. Natl. Acad. Sci. USA*, 95:12208-12213 (1998).

Dotzlaw, H. et al., "The Human Organ Receptor PXR Messenger RNA IS Expressed In Both Normal And Neoplastic Breast Tissue," *Clinical Cancer Research* 5:2103-2107 (1999).

Jones, S. et al., "The Pregnane X receptor: A Promiscuous Xenobiotic Receptor That Has Diverged During Evolution," *Molecular Endocrinology*, 14:27-39 (2000).

Kliewer, S. et al., "An Orphan Nuclear Receptor Activated By Pregnanes Defines A Novel Steroid Signaling Pathway," *Cell* 92:73-82 (1998).

Lehmann, J. et al., "The Human Orphan Receptor PXR Is Activated By Compounds That Regulate *CYP3A4* Gene Expression And Cause Drug Interactions," *Journal of Clinical Investigation* 102:1016-1023 (1998).

Pascussi, J.-M. et al., "Evidence For The Presence Of A Functional Pregnane X Receptor Response Element In The *CYP3A7* Promoter Gene," *Biochemical and Biophysical Research Communications*, 260:377-381 (1999).

Zhang, H. et al., "Rat Pregnane X Receptor: Molecular Cloning, Tissue Distribution, and Xenobiotic Regulation," *Archives of Biochemistry and Biophysics* 368:14-22 (1999).

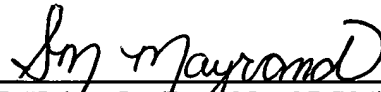
The documents listed above were cited in an International Search Report that issued in connection with International application No. PCT/EP00/08827 which is the parent international application of the above-identified application. For the Examiner's convenience, a copy of the Search Report is attached hereto. Applicants have not enclosed copies of these documents because they should have been supplied by the International Search Authority. However, if such copies have not been received, applicants will provide them.

This Statement is being submitted within three months of the application filing date. Accordingly, no payment of fees is required pursuant to 37 C.F.R.

§ 1.97(b)(1).

Applicants respectfully request that these documents be (1) considered by the Examiner prior to issuance of any patent from this application; and (2) printed on any patent that may issue from this application. Applicants also request that a copy of enclosed Form PTO-1449, as considered and initialed by the Examiner, be returned with the next communication.

Respectfully submitted,



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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
VOS-31SERIAL NO.
Not yet assignedINFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANTS
Leszek Wojnowski et al.CONFIRMATION NO.
Not yet assignedFILING DATE
Concurrently herewithGROUP
Not yet assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	EP 1 024 193	08/02/00	Europe	C12N	15/60		
	WO 99/48915	09/30/99	PCT	C07K	14/00		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	Bertilsson, G. et al., "Identification Of A Human Nuclear Receptor Defines A New Signaling Pathway For CYP3A Induction," <i>Proc. Natl. Acad. Sci. USA</i> , 95:12208-12213 (1998).
	Dotzlaw, H. et al., "The Human Organ Receptor PXR Messenger RNA IS Expressed In Both Normal And Neoplastic Breast Tissue," <i>Clinical Cancer Research</i> 5:2103-2107 (1999).
	Jones, S. et al., "The Pregnane X Receptor: A Promiscuous Xenobiotic Receptor That Has Diverged During Evolution," <i>Molecular Endocrinology</i> , 14:27-39 (2000).
	Kliwer, S. et al., "An Orphan Nuclear Receptor Activated By Pregnanes Defines A Novel Steroid Signaling Pathway," <i>Cell</i> 92:73-82 (1998).
	Lehmann, J. et al., "The Human Orphan Receptor PXR Is Activated By Compounds That Regulate CYP3A4 Gene Expression And Cause Drug Interactions," <i>Journal of Clinical Investigation</i> 102:1016-1023 (1998).
	Pascussi, J.-M. et al., "Evidence for the Presence of a Functional Pregnane X Receptor Response Element in the CYP3A7 Promoter Gene," <i>Biochemical and Biophysical Research Communications</i> , 260:377-381 (1999).
	Zhang, H. et al., "Rat Pregnane X Receptor: Molecular Cloning, Tissue Distribution, And Xenobiotic Regulation," <i>Archives of Biochemistry and Biophysics</i> 368:14-22 (1999).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

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